



## **Innovative Tools for Managing High-Risk R&D Teams**

DoubleTree Hotel -- Gateway Place  
San Jose, CA.

**Tuesday, November 16, 1999**

URL: [http://atp.nist.gov/nationalmeeting/itm\\_agen.htm](http://atp.nist.gov/nationalmeeting/itm_agen.htm)



## **Purpose**

look at **organizational factors and policies**  
that increase innovation success

**identify resources** for firms in preparing ATP  
proposals and managing technology ventures



## ATP Criteria

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### **Scientific and Technological Merit**

**Innovation**

**Risk & Feasibility**

**R&D Plan**

### **Broad-Based Economic Benefits**

**Benefits**

**Need**

**Pathway**



***Each of the ATP criteria has important  
managerial, human resource, and  
organizational implications.***

***That is what we hope to shed light on today.***

### S&T Merit

- Innovation
- Risk & Feasibility
- R&D Plan

*consistent focus on high-risk*

*uncertain, but possible*

*organizational preparedness,  
teaming & X-disciplinary approach,  
technical quals & experience*

### Economic Benefits

- Benefits
- Need
- Pathway

*the opportunity &  
how you will capture it*

*why industry can't fund all*

*commercialization,  
spillovers & diffusion,  
organizational capacity,  
sustainable commitment*



## Bottom Line

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### ***Successful ATP awardees must show:***

- Ability to risk**
- Quality planning**
- Sustainable commitment**
- Commercialization**
- Diffusion of knowledge**



## Today's Ground Rules

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### **Stick to:**

- ATP criteria**
- Awardee experience (case material)**
- Tools (direct, usable solutions)**

**Roundtable format (everybody gets a turn)**

**Answer the question *"How can ATP assist?"***